

Title (en)

Container through which a gas flows, preferably a muffler, with fiberglass filling and method and apparatus for filling the same.

Title (de)

Behälter durch den ein Gas fließt, vorzugsweise ein Dämpfer, mit Glasfaserfüllung und Verfahren und Vorrichtung zum Füllen.

Title (fr)

Récipient à travers lequel s'écoule un gaz, préférentiellement un silencieux, avec remplissage de fibres de verre, et procédé et dispositif pour le remplir.

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Application

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Abstract (en)

The invention relates to a container for fiberglass wool, as well as a method and apparatus for producing a continuous length of fiberglass wool and for filling the container through which a gas flows, e.g. a muffler, with said wool. The apparatus comprises a feeder means (7) which advances multifiber thread (2) to a nozzle (9) into which compressed air is blown which imparts movement to the thread at the same time as the fibers of the thread are blown apart and entangled so as to form continuous wool. The wool is blown directly into the container (13) while air is evacuated by a suction fan (18).

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Cited by

NL1009168C2; US6141609A; US6148519A; FR2911165A1; EP0146249A3; US4774985A; US6158547A; AU582555B2; EP0926320A3; EP0957240A1; US7975382B2; US8813362B2; EP0926320A2; US8590155B2; EP0106481B1; EP0153100B1; WO02075122A1; WO2009058981A1

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